

**Work Order ID 95384****\*95384\***

Page 1

January-09-13 12:30:09 PM

Item ID: D3018-1

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Seat Cushion

Start Date: 1/09/13 Start Qty: 4.00

**\*4\***

Cust Item ID:

Required Date: 1/25/13 Req'd Qty: 4.00

**\*4\***

Customer:

Reference:

Approvals: Process Plan: ML5Date: 13-01-10 Tooling:

Date:

QC:

Date: SPC (Y/N):

Date:

Run Start **\*NR1\***Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3018	B								
100		0.00							
<b>*100*</b>	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>18805</u>								
	Possible supplier: Chestnut Ridge Airflex fire-resistant aircraft cushionning								
	Order: Grade 55.65 (colour orange), Density 3.6lb/ft <sup>3</sup>								
	Material must meet FAR 27.853(a) or 25.853(a)								
	Part is symmetric about centerline-All dimensions								
110		0.00							
<b>*110*</b>	Packaging								
Packaging	Memo	0.00							
Packaging	Ensure Material Release Note is attached								

CL 13/01/10 (4)

13/01/23 (4)

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>					
<b>Root Cause</b>	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
<b>FAULT CATEGORY</b>											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other		

# Work Order ID 95384

\*95384\*

Page 2

January-09-13 12:30:09 PM

Item ID: D3018-1

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Seat Cushion

Start Date: 1/09/13 Start Qty: 4.00

\*4\*

Cust Item ID:

Required Date: 1/25/13 Req'd Qty: 4.00

\*4\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start \*NR1\*

Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing  Memo *****REMOVE "CHESTNUT FOAM" LABEL AND ATTACH TO WORK ORDER FOR TRACEABILITY*****	0.00  0.00				4			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: 314A  Memo	0.00  0.00				4		12-01-23	
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00  0.00							13/1/25

13-01-24

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Skid-tube <input type="checkbox"/></td> <td style="width: 33%;">Crosstube <input type="checkbox"/></td> <td style="width: 33%;">Water Jet <input type="checkbox"/></td> <td style="width: 33%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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# Picklist Print

January-09-13 12:30:09 PM

Page 1

Work Order ID: 95384

Parent Item: D3018-1

Parent Item Name: Seat Cushion

Start Date: 1/09/13

Required Date: 1/25/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B01.06.08Removed acid etch & alodine EC  
NCR 11-588 DD VERF:EC

IPP REV:C 11.08.08 added note per

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3018-1P Seat Cushion		Purchased	No			110	Each	0.0000	1	4			

43/1/23 (4)

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

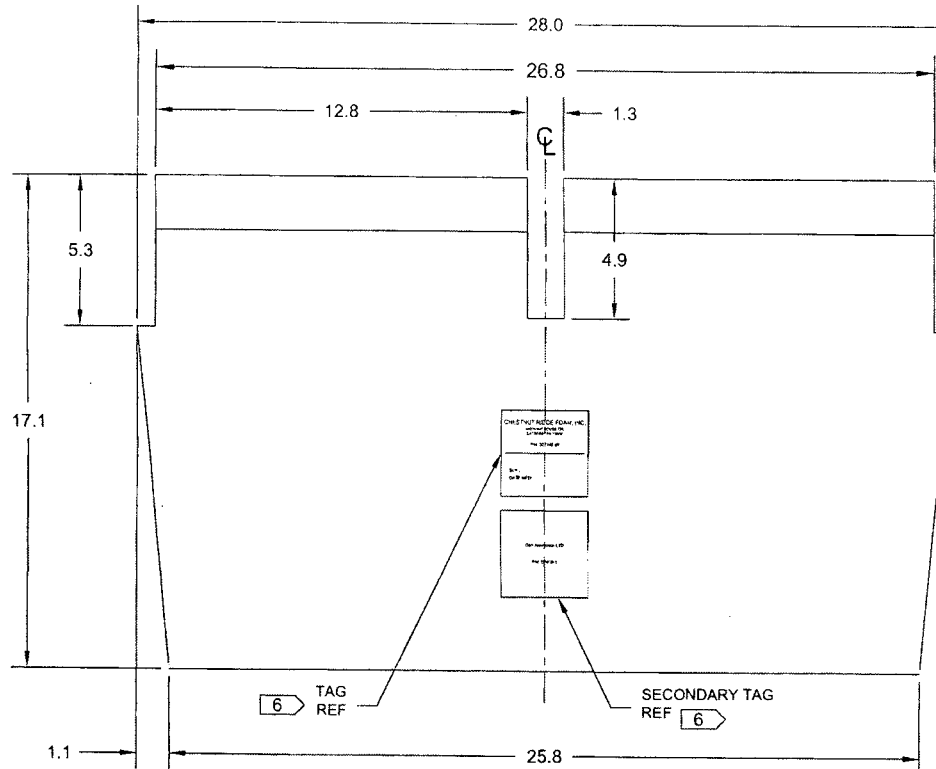
DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>						
<b>Root Cause</b>	<b>Date</b>	<b>Step</b>	<b>Qty</b>	<b>Description of work order update or Non-conformance</b>	<b>Initial Chief Eng</b>	<b>Action Description</b>	<b>Sign &amp; Date</b>	<b>Verification</b>	<b>QC Inspector</b>			
Doc/Data <input type="checkbox"/>												
Equip/Tooling <input type="checkbox"/>												
Operator <input type="checkbox"/>												
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Other <input type="checkbox"/>												
Process <input type="checkbox"/>												
Supplier <input type="checkbox"/>												
Training <input type="checkbox"/>												
Unapproved <input type="checkbox"/>												
<b>FAULT CATEGORY</b>												
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other	

# SPECIFICATION CONTROL DRAWING

TABLE 1					
THICKNESS/ HEIGHT	TOLERANCE		LENGTH/ DEPTH	TOLERANCE	
	(+)	(-)		(+)	(-)
0.0 - 0.50	0.05	0.05	0.00 - 6.00	0.06	0.05
0.51 - 1.00	0.13	0.05	6.01 - 12.00	0.13	0.13
1.01 - 3.00	0.13	0.05	12.01 - 24.00	0.25	0.25
3.01 +	0.19	0.13	24.01 +	0.50	0.38



**D3018-1 SEAT CUSHION**

## NOTES:

- 1) MATERIAL: MUST MEET FAR 27.853(a) OR 25.853(a) AIRFLEX FIRE-RESISTANT AIRCRAFT CUSHIONING GRADE 55-65 (COLOUR ORANGE) DENSITY 3.6 lb/ft<sup>3</sup>
- 2) FINISH: NONE
- 3) TOLERANCES: PER TABLE 1
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: TAG(S), BURNED, TO SHOW THE FOLLOWING AT MINIMUM:

CHESTNUT RIDGE FOAM, INC.  
443 WAREHOUSE DR.  
LATROBE, PA 15650  
SO#  
DATE MFD:  
DART AEROSPACE LTD. P/N D3018-1

- 7) PART IS SYMMETRICAL ABOUT CENTERLINE
- 8) MAKE PER TEMPLATE
- 9) POSSIBLE SUPPLIER: CHESTNUT RIDGE P/N 502148-99

SHOW ONLY  
RETURN TO  
ENGINEER  
UNCONTROLLED  
SUBJECT TO A  
WITH  
WORK ORDER  
NO. 95384-MW  
13-01-10

RELEASED  
2011-05-10

B	UPDATE TO CURRENT STD; DRAWING REVISED IAW CHESTNUT RIDGE MFG DWG. REF: NCR11-588	MB	11.05.10
A	NEW ISSUE	CP	01.05.18
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	11.05.10		

**DART AEROSPACE LTD**  
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. REV. B  
D3018 SHEET 1 OF 1  
TITLE SCALE  
SEAT CUSHION NTS

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THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS  
NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT  
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____				<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>					
<b>Root Cause</b>	<b>Date</b>	<b>Step</b>	<b>Qty</b>	<b>Description of work order update or Non-conformance</b>	<b>Initial Chief Eng</b>	<b>Action Description</b>	<b>Sign &amp; Date</b>	<b>Verification</b>	<b>QC Inspector</b>		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
<b>Landing Gear</b>			<b>General</b>						
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced					
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure					
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld					
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled					
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved						
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong						
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Other					
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset							
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration							
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence							
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions							





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO18805**

Purchase Order Date 1/10/13

PO Print Date 1/10/13

Page Number 1 of 1

Order From :  
CHESTNUT RIDGE FOAM, INC.  
PO BOX 6015  
HERMITAGE, PA 16148  
US

VU-CHE001

Contact Name  
Vendor Phone  
Vendor Fax  
Vendor Account Nbr

724 537 9000  
724 537 9003

Buyer Chantal Lavoie  
Requisition Nbr  
Tax Resale Nbr 10127-2607  
Terms Net 30  
Currency USD  
FOB Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
613 632 1053

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3018-1P <i>sm</i>	Seat Cushion	1/23/13 Yes	4.00 Each	FedEx PI collect	\$57.6200	\$230.48
		Special Inst: AS PER DWG D3018 REV. B B95384					
2	D3019-1P	Back cushion	1/23/13 Yes	4.00 Each	FedEx PI collect	\$44.4200	\$177.68
		Special Inst: AS PER DWG D3019 REV. B B95402					

PO Total: \$408.16

CERTIFICATE OF CONFORMITY  
REQ'D UPON DELIVERY

Change Nbr:

Change Date: 1/10/13

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO

red Exp #1511-9524-0  
Dart Aerospace Ltd.  
1270 Aberdeen Street  
Tel: 613-632-3336  
Hawkesbury ONTARIO, CANADA K6A 1K7

Chantal Lavoie Fax#: 613-632-1055  
Dart Aerospace Ltd.  
1270 Aberdeen Street  
Tel: 613-632-3336  
Hawkesbury ONTARIO, CANADA K6A 1K7

PO: ~~PC18805~~

Ship Via: ~~Fed Exp Int P1~~

FOB: ~~Origin~~

Ship Date: 1/21/2013

SO: 46213

Sales Person: Aircraft

*Customer requests a 1-22-13 ship date.*

*Certificate of Conformity that all components comply with 14CFR 25.853(a) 12 Second Vertical  
Burn with Shipment*

Line	Planned Qty	Shipped Qty	Backorder	Part Number	Revision
1	4.00EA	4.00	0.00	D3018-1P	
				Description: AIRFLEX Bottom Cushion	
				Our Part: 502148-99	
2	4.00EA	4.00	0.00	D3019-1P	
				Description: AIRFLEX Back Cushion	
				Our Part: 601988-99	

CONTACT CHESTNUT RIDGE FOAM IF THERE IS DAMAGE OR DISCREPANCIES 724-537-9000



**"URGENT! FLAMMABILITY CERTIFICATION  
ENCLOSED. PLEASE FORWARD TO  
PURCHASING. DO NOT THROW AWAY!"**

### Certificate of Conformance

**SOLD TO:**

Dart Aerospace  
1270 Aberdeen Street  
Hawkesbury  
Ontario CANADA K6A1KS

PURCHASE ORDER: PO18805

SALES ORDER: 46213

DATE SHIPPED: 01.21.2013

***I certify that the individual components comprising the part shipped  
against the above-referenced purchase order meets the following  
requirements:***

*14 CFR 25.853(a), APPENDIX F, PART 1(a)(1)(ii), AMENDMENT 25-116*

Quantity	Customer Part Number	CRF Part Number	Material	Batch Number
4	D3018-1P	502148-99	AIRFLEX 55-65	AF13002
4	D3019-1P	601988-99	AIRFLEX 30-40	AF13003

***MADE IN THE U.S.A***

# Grace Harr

Digitally signed by Grace Harr  
DN: cn=Grace Harr, o=Chestnut Ridge Foam, Inc., ou=QA  
Inspector, email=crfqc@chestnutridgefoam.com, c=US  
Date: 2013.01.21 08:45:28 -05'00'

❖ 443 Warehouse Drive Latrobe, PA 15650  
❖ Phone: 724-537-9000 Fax: 724-537-9003

**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 14766**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
**SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

PRODUCT : CR AIRFLEX  
BATCH / LOT NO : AF13003  
CUSTOMER : PRODUCTION  
P.O. NO :  
OTHER IDENTIFICATION : AFX 30-40

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME  
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : GREEN

CONDITIONING STARTED : DATE : 1-15-13  
TIME : 9:00 AM

TEST STARTED : DATE : 1-16-13  
TIME : 1:15 PM

RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	3.0
#2.	0.0	0.0	3.2
#3.	0.0	0.0	3.0
AVG.	0.0	0.0	3.1

PASS : X      FAIL :

**COMMENTS :**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,  
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES  
SR. LAB TECHNICIAN



**CHESTNUT RIDGE FOAM INC.  
VERTICAL BURN TEST # 14546  
12-SECOND VERTICAL BUNSEN BURNER TEST  
FOR CABIN AND CARGO COMPARTMENT MATERIALS  
SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

PRODUCT FR 4440 FABRIC  
BATCH / LOT NO.: 8633  
CUSTOMER PRODUCTION  
P.O. NO.  
OTHER IDENTIFICATION: SUPPLIED BY: HANES CONVERTING CO. OF CONOVER, NC  
ON INVOICE #62-117735

TEST BEING RUN VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME  
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F: YES

MATERIAL COMPOSITION: NA

MATERIAL PATTERN: WOVEN

MATERIAL COLOR: TAN

CONDITIONING STARTED DATE: 7-5-12  
TIME: 10:00 AM

TEST STARTED DATE: 7-6-12  
TIME: 11:45 AM

**RESULTS:**

	FLAME TIME (SECONDS)		DRIPPINGS (SECONDS)		BURN LENGTH (INCHES)	
	WARP	FILL	WARP	FILL	WARP	FILL
#1.	0.0	0.0	0.0	0.0	3.4	3.6
#2.	0.0	0.0	0.0	0.0	3.6	3.5
#3.	0.0	0.0	0.0	0.0	3.5	3.5
AVG.	0.0	0.0	0.0	0.0	3.5	3.5

PASS: X FAIL:

**COMMENTS:**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853, PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY KELLY BURES  
SR. LAB TECHNICIAN

CORPORATE OFFICE  
500 N. McLin Creek Rd.  
P. O. BOX 457  
CONOVER, NC 28613-0457  
PHONE (828) 464-4673  
FAX (828) 464-0459

**HANES**  
*engineered materials*  
Lloyd & Platt COMPANY

**INVOICE**

PLEASE REMIT TO:  
HANES ENGINEERED MATERIALS  
L&P FINANCIAL SERVICES CO.  
P O BOX 60984  
CHARLOTTE, NC 28260

SOLD TO

CHESTNUT RIDGE FOAM  
ROUTE 981 NORTH  
PO BOX 781  
LA TROBE, PA 15650

SHIP TO

CHESTNUT RIDGE FOAM  
ROUTE 981 NORTH  
PO BOX 781  
LA TROBE, PA 15650

INVOICE NUMBER 62-117735	INVOICE DATE 6/29/2012	TERMS NET 30	CARRIER USF HOLLAND INC	ROUTING	PPDCO C
CUSTOMER NO. 15985	CUSTOMER ORDER NO. 30402	SLS. MGR. / SLSMAN. 65 452	ORDER DATE 6/26/2012	CONOVER, NC	DAY8
BILL OF LADING S/L 88771			RELEASE # 010 66095		
PRODUCT NO. 30333	WIDTH 40.000	DM-2	DESCRIPTION TICKING FR 4440	PVT/UP 250 RL CC 2T	QUANTITY LN
<p>CERTIFICATION: THE SELLER DOES NOT CERTIFY, EITHER IMPLICITLY OR EXPLICITLY, THESE PRODUCTS TO MEET THE REQUIREMENTS OF ANY REGULATORY AGENCY OR SPECIFICATION EXCEPT AS MAY BE CERTIFIED ABOVE OR UNDER SEPARATE WRITTEN CERTIFICATION. ALL TRANSACTIONS ARE SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE OF THIS INVOICE.</p> <p>USF HOLLAND INC PRO# 10135770954</p>					
TOTAL INVOICE AMOUNT			15985		

ORIGINAL

842 THE LAWS OF THE STATE OF NORTH CAROLINA SHALL GOVERN THIS TRANSACTION. A LATE PAYMENT CHARGE AT A PER ANNUM RATE EQUAL TO THE PRIME RATE OF THE CHASE MANHATTAN BANK, N.A. IN EFFECT ON THE FIRST DAY OF EACH MONTH PLUS 2% OR 18% PER ANNUM, WHICHEVER RATE IS HIGHER, WILL BE IMPOSED ON THE FIRST OF EACH MONTH ON ALL PAST DUE INVOICES PAID DURING THE MONTH.

TOTAL INVOICE AMOUNT

PAGE 1 LAST 41032

**CHESTNUT RIDGE FOAM INC.**  
**VERTICAL BURN TEST # 14759**  
**12-SECOND VERTICAL BUNSEN BURNER TEST**  
**FOR CABIN AND CARGO COMPARTMENT MATERIALS**  
**SHOWING COMPLIANCE TO THE REQUIREMENTS OF 14 CFR 25.853**

PRODUCT : CR AIRFLEX  
BATCH / LOT NO : AF13002  
CUSTOMER : PRODUCTION  
P.O. NO :  
OTHER IDENTIFICATION : AFX 55-65

TEST BEING RUN : VERTICAL BUNSEN BURNER TEST: 12 SECOND IGNITION TIME  
MEETS REQUIRED MINIMUM FLAME TEMPERATURE OF 1550°F : YES

MATERIAL COMPOSITION : AIRFLEX

MATERIAL PATTERN : NA

MATERIAL COLOR : ORANGE

CONDITIONING STARTED : DATE : 1-8-13  
TIME : 11:00 AM

TEST STARTED : DATE : 1-9-13  
TIME : 11:40 AM

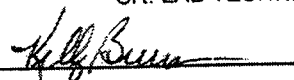
RESULTS :	FLAME TIME (SECONDS)	DRIPPINGS (SECONDS)	BURN LENGTH (INCHES)
#1.	0.0	0.0	5.2
#2.	0.0	0.0	4.9
#3.	0.0	0.0	4.8
AVG.	0.0	0.0	5.0

PASS : X      FAIL :

**COMMENTS :**

THIS MATERIAL MEETS THE REQUIREMENTS OF THE 14 CFR, PART 25, SECTION 25.853,  
PARAGRAPH (a) AND APPENDIX F, PART 1, (a), (1), (ii).

TESTED BY : KELLY BURES  
SR. LAB TECHNICIAN



**CHESTNUT RIDGE FOAM, INC.**

443 WAREHOUSE DR.  
LATROBE, PA 15650

P/N: 502148-99

SO# : **46213**

DATE MFD: **01/13**

